

Product datasheet for **SC402612**

MIR5101 Mouse MicroRNA Expression Plasmid (MI0018009)

Product data:

Product Type: MicroRNA Expression Plasmids

Species: Mouse

Vector: pCMV-MIR (PCMVMIR)

Precursor: AUUUUCUAGUAUCAGUUACAACAAAAACCGUUUUGUAAGACUUGUUGUUUUUGUUUUGCUGAUGCAGCCAGAGAAUG

Mature Sequence: UUUGUUUGUUUUGCUGAUGCAG

Full insert: >MI0018009 TCTGGATTTCTTGGCACATTTTCAAAAGTAAATCTGTCAACATTTTTTGCCTCTCCTTCACAGAAATT
TACTGGAGAAAAAAGTTCCTAATTCAACTTGATGCTTCTTTTCAAAAATGTGAAGAAATGTATAAGAAC
TCGGGTAAAGTATCCTAGTTGCTTTTAAATGGGTACAGTATCATTTCAGATGAGTATTGTTTACTTTG
ATGTTTTGGACATTAAGTGTTCATCCCTGCTTCTTTTCTTTTGTCTTTAATATTGTTAGGCAACATG
CTTGTTGGTTAATGCAAATAATTTCTTAGTATCAGTTACAAACAAAAACCGTTTTGTAAGACTTGTTGT
TTTTGTTGTTTGTCTGATGCAGCCAGAGAATGTGAGAGTATTAGAGAGGAGTATATGATGCTGGAAAAG
AATGTTCACTCGTGCAGACAATACATCCATAACACGAAGGCCACACTGCAAAGAGCACTGATGTCTTGGG
CACTTTTCGAGGAAGATCTCGCCCTACTAAAGGCTTCTTTTGACTTGACAAAGAAGGAACAAATTAAGA
GGTATTTGAAGTCAATGGTTCTATCCAGTTTACATTTATTTTGGAGACTGACTACATACATACACC
ATCAAGTTAGGGATTAAGGCATGCATTACCATGTCCAGCTAGAATGAACTT

OTI Disclaimer: All miRNA clones were sequenced to ensure that the pre-mir sequences match reference sequence in [miRBase](#). The flanking sequence of a miRNA clone may differ from the NCBI reference with respect to biological polymorphisms. This should not affect the function of the mature miRNA.

E. coli Selection: Kanamycin (25 ug/mL)

Mammalian Cell Selection: Neomycin

Components: 1 x 10 ug vial miRNA plasmid lyophilized in a 2-D bar-coded Matrix tube

Also Contains: Both mature and minor (star) miRNA can be over expressed from the construct.

RefSeq: [MI0018009](#)

Synonyms: mmu-mir-5101 mu-mir-5101

Locus ID: 100628610



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